

Permit to Operate

FACILITY: S-525

EXPIRATION DATE: 10/31/200

LEGAL OWNER OR OPERATOR: LAND O' LAKES, INC

MAILING ADDRESS: 400 SOUTH "M" ST
TULARE, CA 93274

FACILITY LOCATION: 400 SOUTH "M" ST
TULARE, CA 93274

FACILITY DESCRIPTION: MILK PROCESSING/DAIRY PRODUCTS MANUFACTURER

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

DAVID L. CROW

Executive Director / APCO

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Director of Permit Services

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-0-1

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

PERMIT UNIT REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (7/21/94). [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031]
7. Every application for a permit required under Rule 2010 (12/17/92) (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520(6/15/95) [District Rules 2520, 9.6.2 and 1100, 7.0]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8]
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2]

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14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (12/17/92), by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1 (12/17/92)), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601 (12/17/92). [District Rule 4601, 5.2]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2 (12/17/92). [District Rule 4601, 6.1 and 6.2]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.14.1 and 10.0]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B]
31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 (4/25/96) unless specifically exempted under section 4 of Rule 8020 (4/25/96). [District Rule 8020]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030 (4/25/96), unless specifically exempted under section 4 of Rule 8030 (4/25/96). [District Rule 8030]

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33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 (4/25/96) unless specifically exempted under section 4 of Rule 8060 (4/25/96). [District Rule 8060]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2]
40. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
41. Should the facility, as defined in 40 CFR section 68.3, become subject to part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 CFR section 68.10. The facility shall certify compliance as part of the annual certification as required by 40 CFR part 70. [40 CFR 68], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-1-5

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

71.7 MMBTU/HR BABCOCK AND WILCOX BOILER WITH "TODD" LOW NOX BURNER (MODEL VARIFLAME) AND FLUE GAS RECIRCULATION, WITH NATURAL GAS AND FUEL OIL FIRING CAPABILITIES

PERMIT UNIT REQUIREMENTS

1. Air pollution control equipment shall be constructed and maintained in good operating condition and shall be operated in accordance with the manufacturer's recommendations at all times when the process equipment is in operation. [District NSR Rule], [Federally Enforceable Through Title V]
2. Permittee shall maintain records of cumulative annual fuel use and fuel type. [District Rules 4305; 4351; 2520, 9.4.2], [Federally Enforceable Through Title V]
3. The stand-by fuel oil shall be fuel oil with sulfur content limited to a maximum of 0.05% by weight and nitrogen content limited to a maximum of 0.0009% by weight. Current fuel oil analysis shall be made available to District staff upon request. [District NSR Rule], [Federally Enforceable Through Title V]
4. Boiler shall utilize fuel oil only during times of natural gas curtailment by the utility company, routine maintenance, or source testing. [District NSR Rule], [Federally Enforceable Through Title V]
5. Gas fired emissions rates shall not exceed any of the following: PM10: 0.003 lb/MMBtu, SOx (as SO2): 0.0006 lb/MMBtu, NOx (as NO2): 0.036 lb/MMBtu, VOC: 0.02 lb/MMBtu, nor CO: 81 ppmvd @ 3% O2. [District NSR Rule], [Federally Enforceable Through Title V]
6. Oil fired emissions rates shall not exceed any of the following: PM10: 0.01 lb/MMBtu, SOx (as SO2): 0.06 lb/MMBtu, NOx (as NO2): 0.052 lb/MMBtu, VOC: 0.007 lb/MMBtu, nor CO: 128 ppmvd @ 3% O2. [District NSR Rule], [Federally Enforceable Through Title V]
7. Boilers S-525-1 and -2 shall utilize fuel oil only during the 1st and 4th calendar quarters. Total fuel oil usage shall not exceed 739,973 gallons in either calendar quarter. [District NSR Rule], [Federally Enforceable Through Title V]
8. The stack concentration of NOx (as NO2), CO, and O2 shall be measured at least on a monthly basis using District approved portable analyzers. [District Rules 4305 and 2520, 9.4.2], [Federally Enforceable Through Title V]
9. The permittee shall maintain records of the date and time of NOx, CO, and O2 measurements, the measured NO2 and CO concentrations corrected to 3% O2. The records shall also include a description of any corrective action taken to maintain the emissions in the acceptable range. [District Rules 1070, 4305, and 2520, 9.4.2], [Federally Enforceable Through Title V]
10. If the NOx and CO concentrations, as measured by the portable analyzer, exceed the allowable emission rate, the permittee shall notify the District and take corrective action as soon as possible but no longer than one (1) hour after detection. If the portable analyzer readings continue to exceed for more than one hour the allowable emission rate, the permittee shall conduct an emissions test within 60 days, utilizing District-approved test methods, to demonstrate compliance with the applicable emission limits. [District Rule 4305], [Federally Enforceable Through Title V]
11. Compliance testing for oil fired NOx and CO limits shall be conducted in any calendar year in which the boiler operates more than 336 cumulative hours plus 48 hours per calendar year for equipment testing. [District Rules 4305; 4351; 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Compliance demonstration (source testing) shall be by District witnessed, or authorized, sample collection by ARB certified testing laboratory. [District Rule 1081], [Federally Enforceable Through Title V]
13. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
14. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
15. Operator shall perform annual source testing for NOx (ppmv) and CO (ppmv) according to EPA Method 10 (or ARB Method 100), stack gas oxygen by EPA Method 3 or 3A (or ARB Method 100), NOx emission rate (heat input basis) by EPA Method 19 and 7E (or ARB Method 100), stack gas velocities by EPA Method 2, and stack gas moisture content by EPA Method 4. Gaseous fired units shall test not less than once every 36 months, if compliance is shown for 2 consecutive years. [District Rules 4305, 6.2.2, 6.2.3, and 6.2.4-7; 4351, 6.2.2, 6.2.3, 6.2.4-7, & 6.3], [Federally Enforceable Through Title V]

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16. Testing to measure fuel oil sulfur shall be conducted using ASTM D3246 oxidation combustion microcoulometric or double GC for H₂S and mercaptans. [District Rule 1081], [Federally Enforceable Through Title V]
17. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3], [Federally Enforceable Through Title V]
18. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
19. When not using PUC regulated natural gas, the operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by: ASTM D 240-87 or D 2382-88 for liquid hydrocarbon fuels; ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89 for gaseous fuels. [District Rule 2520, 9.4.2; 4305, 6.2.1; and 4351, 6.2.1], [Federally Enforceable Through Title V]
20. If the unit fails any compliance demonstration for NO_x or CO emission limits, source testing shall return to a frequency of not less than once every 12 months. [District Rules 2520, 9.4.2; 4305 & 4351], [Federally Enforceable Through Title V]
21. Nitrogen oxide (NO_x) emission concentrations in ppmv referenced at dry stack emissions shall be corrected to 3% O₂ and lb/MMBtu rates shall be calculated as lb NO₂/MMBtu of heat input (hhv). [District Rule 4305, 8.1 and/or 4351, 8.1], [Federally Enforceable Through Title V]
22. If the unit is fired on noncertified diesel fuel, the sulfur content of each fuel source shall be tested weekly, except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be semi-annually. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
23. Operator of units simultaneously firing gaseous and liquid fuels shall install and maintain totalizing mass or volumetric flow rate meters in each fuel line to each unit. Volumetric flow rate meters shall be installed in conjunction with temperature and pressure measurement devices. [District Rule 4305, 5.3.1 and District Rule 4351, 5.6.1], [Federally Enforceable Through Title V]
24. Operator shall monitor and record for each unit the hhv and cumulative annual use of each fuel. [District Rule 4305, 6.1.1 and District Rule 4351, 6.1.1], [Federally Enforceable Through Title V]
25. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
26. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), Rule 408 (Fresno), Rule 408.2 (Merced) and 407.2 (Kern, Tulare, Kings, Stanislaus, and San Joaquin); Rule 402 (Madera) and 404 (all seven remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), 408 and 409 (Kern), and 408 (all six remaining counties in the San Joaquin Valley); Rule 404 (Madera) 406 (Fresno), and 407 (all six remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
29. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201, 4301, 4305, and 4351. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera). [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
31. The requirements of 40 CFR 72.6(b) and 40 CFR 60.40c do not apply to this source. A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
32. Test results submitted to the District from unit(s) representing a group of units may be used to demonstrate compliance with NO_x limits for that group, provided the selection of the representative unit(s) is approved by the APCO prior to testing. Should any of the representative units exceed the required NO_x emission limits of this permit, each of the units in the group shall demonstrate compliance by emissions testing within 90 days of the failed test. [District Rule 4305, 6.3.2 and 4351, 6.3], [Federally Enforceable Through Title V]
33. The following conditions must be met for representative unit(s) used to demonstrate compliance for NO_x limits for a group of units: 1) all units are initially source tested and emissions from all units in group are similar, 2) all units in group are similar in terms of rated heat input, make and series, operation conditions, fuel used, and control method, 3) the group is owned by a single owner and located at a single stationary source, and 4) all units in the group shall have received the same maintenance and tune-up procedures as the representative unit(s). [District Rule 4305, 6.3.2], [Federally Enforceable Through Title V]
34. The number of representative units source tested to demonstrate compliance for NO_x limits shall be at least 30% of the total number of units in the group. The units included in the 30% shall be rotated, so that when 3 source test cycles have been completed, all units in the entire group will have been tested. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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35. The portable analyzer shall be calibrated prior to each use with a two-point calibration method (zero and span). Calibration shall be performed with Protocol 1 gas. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
36. When firing on fuel oil, daily visible emissions tests using EPA Method 9 shall be required. If compliance is demonstrated for 10 consecutive days, the testing frequency shall be weekly. If the unit fails any weekly visible emissions test, test frequency shall return to daily. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
37. Emissions for oil fuel shall be calculated by using the arithmetic mean, pursuant to District Rule 1081 (12/16/93), of 3 one-hour test runs for PM10; and the arithmetic mean of 3 forty-minute test runs for NOx and CO. This mean shall be multiplied by the appropriate factor to determine the emissions. [District Rule 2520, 9.4.2, District Rule 4305, 5.0, 8.2 and/or 4351, 8.1], [Federally Enforceable Through Title V]
38. Source testing shall be performed using EPA Method 201A to determine PM emissions during the first year of operation under this permit. Source testing shall be required in each subsequent year in which this unit operates 720 hours or more on fuel oil. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-3-1

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

17.74 MMBTU/HR "MARRIOTT- WALKER" DRYER #4 WITH BAGHOUSE

PERMIT UNIT REQUIREMENTS

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1. Baghouse shall be operated and maintained in accordance with the manufacturer's instructions. [District Rule 4201], [Federally Enforceable Through Title V]
 2. Baghouse filters shall be replaced when holes or tears develop. [District Rule 4201], [Federally Enforceable Through Title V]
 3. Baghouse filters shall be equipped with a pressure drop indicator. [District Rule 4201], [Federally Enforceable Through Title V]
 4. Baghouse ductwork shall be leak-free (i.e. no visible emissions) and control equipment shall operate when process equipment operates. [District Rule 4201], [Federally Enforceable Through Title V]
 5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 6. The owner/operator shall check for visible emissions on a weekly basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
 7. Unit shall be fired exclusively on PUC-quality natural gas which has a sulfur content of less than or equal to 0.017% by weight. [District Rule 4801; Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]
 9. If the dryer is not fired on PUC-regulated gas, then the sulfur content of the natural gas being fired in the dryer shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 4801], [Federally Enforceable Through Title V]
 10. If the dryer is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 4801], [Federally Enforceable Through Title V]
 11. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. Records of baghouse maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-4-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

25 HP DUST COLLECTION SYSTEM WITH CYCLONE #1 SERVING PELLET MILL FINES (FEEDMILL) ***CANCELLED
PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Cyclone ductwork shall be leak-free (i.e. no visible emissions) and control equipment shall operate when process equipment operates. []
3. Records of amount of raw material received, by type (dried, cleaned, ground, pelletized), and amount of material received and shipped without treatment shall be maintained. []
4. Records of exhaust flow rate to the cyclones and operating schedule shall be maintained. []
5. Annual records maintained in accordance with conditions 4 and 5 shall be submitted to the District by February 10 of the following year. []

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-5-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

53 HP DUST COLLECTION SYSTEM WITH CYCLONE #2 SERVING PELLET MILL COOLER (FEEDMILL) ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Cyclone ductwork shall be leak-free (i.e. no visible emissions) and control equipment shall operate when process equipment operates. []
3. Records of amount of raw material received, by type (dried, cleaned, ground, pelletized), and amount of material received and shipped without treatment shall be maintained. []
4. Records of exhaust flow rate to the cyclones and operating schedule shall be maintained. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-6-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

60 HP GRAIN CLEANER WITH BAGHOUSE (FEEDMILL) ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Baghouse shall be operated and maintained in accordance with the manufacturer's instructions. []
3. Baghouse filters shall be replaced when holes or tears develop. []
4. Baghouse filters shall be equipped with a pressure drop indicator. []
5. Baghouse ductwork shall be leak-free (i.e. no visible emissions) and control equipment shall operate when process equipment operates. []
6. Records of amount of raw material received, by type (dried, cleaned, ground, pelletized), amount of material received and shipped without treatment, and operating schedule shall be maintained. []
7. Annual records maintained in accordance with conditions 3 shall be submitted to the District by February 10 of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-7-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

53 HP DUST COLLECTION SYSTEM WITH THREE 33 INCH CYCLONES SERVING BARLEY ROLLERS (FEEDMILL)

CANCELLED PER 10/06/95 LETTER

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Cyclone ductwork shall be leak-free (i.e. no visible emissions) and control equipment shall operate when process equipment operates. []
3. Emission rate of particulate matter (PM10) from the barley rollers shall not exceed 12.93 lbs/hr. []
4. Records of amount of raw material received, by type (dried, cleaned, ground, pelletized), and amount of material received and shipped without treatment shall be maintained. []
5. Records of exhaust flow rate to the cyclones and operating schedule shall be maintained. []
6. Annual records maintained in accordance with conditions 5 and 6 shall be submitted to the District by February 10 of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-8-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

12.6 MMBTU/HR (300 HP) CLEAVER BROOKS NATURAL GAS-FIRED FEEDMILL BOILER WITH STANDBY FUEL OIL

PTO CANCELLED PER 08 28/95 LETTER

PERMIT UNIT REQUIREMENTS

-
1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
 2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
 3. Cleaver Brooks boiler shall not be operated simultaneously with the Trane boiler (S-525-9). []
 4. The standby fuel oil shall be diesel (#2 fuel oil). []
 5. Fuel oil use shall not exceed 5,036 gal/day and 151,080 gal/year. []
 6. The sulfur content of the diesel fuel used shall not exceed 0.05% by weight. [District NSR Rule]
 7. Maximum emission rate of nitrogen oxides (NOx) when firing on natural gas shall not exceed 1.67 lb/hr. []
 8. Maximum emission rate of volatile organic compounds (VOC's) when firing on natural gas shall not exceed 0.06 lb/hr. []
 9. Maximum emission rate of carbon monoxide (CO) when firing on natural gas shall not exceed 0.42 lb/hr. []
 10. Maximum emission rate of sulfur oxides (SOx) when firing on natural gas shall not exceed 0.01 lb/hr. []
 11. Maximum emission rate of particulate matter (PM10) when firing on natural gas shall not exceed 0.06 lb/hr. []
 12. Maximum emission rate of nitrogen oxides (NOx) when oil firing shall not exceed 1.80 lb/hr. []
 13. Maximum emission rate of volatile organic compounds (VOC's) when oil firing shall not exceed 0.02 lb/hr. []
 14. Maximum emission rate of carbon monoxide (CO) when oil firing shall not exceed 0.45 lb/hr. []
 15. Maximum emission rate of sulfur oxides (SOx) when oil firing shall not exceed 0.72 lb/hr. []
 16. Maximum emission rate of particulate matter (PM10) when oil firing shall not exceed 0.18 lb/hr. []
 17. A record of daily fuel consumption and hours of operation shall be maintained, retained on the premises for a period of at least two years and made available for District inspection upon request. []
 18. Annual records of natural gas used per calendar quarter, fuel oil used (including type and fuel oil analysis), hours fired on fuel oil, and operating schedule for each boiler shall be submitted to the District by February 10th of the following year. []

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-10-1

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

12 MMBTU/HR "BLAW KNOX" DRYER #5 WITH BAGHOUSE

PERMIT UNIT REQUIREMENTS

-
1. Baghouse shall be operated and maintained in accordance with the manufacturer's instructions. [District Rule 4201], [Federally Enforceable Through Title V]
 2. Baghouse filters shall be replaced when holes or tears develop. [District Rule 4201], [Federally Enforceable Through Title V]
 3. Baghouse filters shall be equipped with a pressure drop indicator. [District Rule 4201], [Federally Enforceable Through Title V]
 4. Baghouse ductwork shall be leak-free (i.e. no visible emissions) and control equipment shall operate when process equipment operates. [District Rule 4201], [Federally Enforceable Through Title V]
 5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 6. The owner/operator shall check for visible emissions on a weekly basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
 7. Unit shall be fired exclusively on PUC-quality natural gas which has a sulfur content of less than or equal to 0.017% by weight. [District Rule 4801; Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]
 9. If the dryer is not fired on PUC-regulated gas, then the sulfur content of the natural gas being fired in the dryer shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 4801], [Federally Enforceable Through Title V]
 10. If the dryer is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 4801], [Federally Enforceable Through Title V]
 11. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. Records of baghouse maintenance, inspections, repair, and burner flame inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 13. The owner/operator shall visually inspect the burner on a weekly basis to assure proper operation. [District NSR Rule], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-11-1

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

34,034 GALLON DRY POWDER STORAGE SILO #1

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-12-1

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

34,034 GALLON DRY POWDER STORAGE SILO #2

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-13-1

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

34,034 GALLON DRY POWDER STORAGE SILO #3

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-14-1

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

26,399 GALLON DRY POWDER STORAGE SILO #4

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall maintain and operate fabric filters in accordance with the manufacturer's specifications. [District Rule 4201], [Federally Enforceable Through Title V]
2. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]
5. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-15-1

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

10 MMBTU/HR "MEADE" DRYER #6 WITH BAGHOUSE

PERMIT UNIT REQUIREMENTS

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1. Baghouse shall be operated and maintained in accordance with the manufacturer's instructions. [District Rule 4201], [Federally Enforceable Through Title V]
 2. Baghouse filters shall be replaced when holes or tears develop. [District Rule 4201], [Federally Enforceable Through Title V]
 3. Baghouse filters shall be equipped with a pressure drop indicator. [District Rule 4201], [Federally Enforceable Through Title V]
 4. Baghouse ductwork shall be leak-free (i.e. no visible emissions) and control equipment shall operate when process equipment operates. [District Rule 4201], [Federally Enforceable Through Title V]
 5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 6. The owner/operator shall check for visible emissions on a weekly basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
 7. Unit shall be fired exclusively on PUC-quality natural gas which has a sulfur content of less than or equal to 0.017% by weight. [District Rule 4801; Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]
 9. If the dryer is not fired on PUC-regulated gas, then the sulfur content of the natural gas being fired in the dryer shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 4801], [Federally Enforceable Through Title V]
 10. If the dryer is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 4801], [Federally Enforceable Through Title V]
 11. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. Records of baghouse maintenance, inspections, repair, and burner flame inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 13. The owner/operator shall visually inspect the burner on a weekly basis to assure proper operation. [District NSR Rule], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-17-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

800 GALLON SHIFT TANK #18A AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material in Permit Nos. S-0525-17-0 - S-0525-18-0 shall not exceed 50,000 gallons per day. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-18-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

1,000 GALLON SHIFT TANK #19A AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-19-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

14,000 GALLON 190 PROOF SHIPPING TANK #20A AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED
PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-20-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

15,000 GALLON 190 PROOF RECEIVING TANK #21A AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED
PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-21-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

15,000 GALLON 200 PROOF SHIPPING TANK #22A AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED
PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-22-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

10,000 GALLON 100 PROOF SPIRITS TANK #23A AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-23-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

25,000 GALLON FERMENTATION TANK #4P AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-24-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

25,000 GALLON FERMENTATION TANK #5P AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-25-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

25,000 GALLON FERMENTATION TANK #6P AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-26-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

25,000 GALLON FERMENTATION TANK #7P AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-27-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

25,000 GALLON FERMENTATION TANK #8P AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-28-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

25,000 GALLON FERMENTATION TANK #9P AT FOOD- AND FUEL-GRADE ALCOHOL PLANT ***CANCELLED PER 10/06/95 LETTER***

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be maintained and operated as per manufacturer's specifications. []
3. Total volume of fermented material shall not exceed limit specified on Permit No. S-0525-17-0. []
4. Dairyman's Coop. Creamery Ass. shall maintain accurate daily records of volume of material fermented and volume of ethanol produced and shall make such records available for District inspection for two years. []
5. Records resulting from Condition 4 shall be submitted to the District by February 10th of the following year. []

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-29-2

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

ONE 1,000 GALLON UNDERGROUND STORAGE TANK SERVED BY PHASE I VAPOR RECOVERY SYSTEM (G-70-97)
AND ONE GASOLINE NOZZLE SERVED BY PHASE II VAPOR RECOVERY SYSTEM (G-70-52)

PERMIT UNIT REQUIREMENTS

1. This gasoline storage and dispensing equipment shall not be used in retail sales, where gasoline dispensed by the unit is subject to payment of California sales tax on gasoline sales. [District Rule 2520, 9.1], [Federally Enforceable Through Title V]
2. Each gasoline storage tank shall be equipped with a permanent submerged fill pipe. [District Rule 4621, 5.1.1], [Federally Enforceable Through Title V]
3. Each aboveground storage tank shall be equipped with a pressure-vacuum valve set to within 10% of the maximum allowable working pressure of the tank. No gasoline shall be placed, stored, or held in any above-ground tank of 250 gallon capacity or more unless it is so equipped. [District Rule 4621, 5.1.2; 4623, 5.4], [Federally Enforceable Through Title V]
4. Each storage tank subject to this permit shall be equipped with an ARB certified Phase I vapor recovery system, which shall prevent at least 95% by weight of all gasoline vapors displaced during the filling of storage tanks from entering the atmosphere. The transfer of gasoline from any delivery vessel to any stationary storage container with 250 gallon capacity or more shall not be allowed unless the container is equipped with an ARB certified Phase I system and maintained and operated according to manufacturers specifications. [District Rule 4621, 3.1 and 5.1.1], [Federally Enforceable Through Title V]
5. No gasoline delivery vessel shall be operated or be allowed to operate unless valid State of California decals are displayed on the cargo tank which attest to the vapor integrity of the tank. [District Rule 4621, 5.2.1], [Federally Enforceable Through Title V]
6. Each dispensing system shall be equipped with an ARB certified Phase II vapor recovery system which shall prevent at least 95% by weight of all gasoline vapors displaced during refueling of vehicles from entering the atmosphere. [District Rule 4622, 5.1], [Federally Enforceable Through Title V]
7. Compliance with the requirement of the Phase II system to be 95% effective for displaced vapors is considered to be demonstrated by passing performance tests, at least once every five years from the date of the most recent test, or at more frequent intervals, as specified by the ARB Executive Order certifying the system. Facilities that have not been performance tested previously, using the following applicable methods, shall be tested in accordance with BAAQMD Source Test Procedures ST-27 (Dynamic Back Pressure) and ST-30 (Static Leak Test Procedure Underground Tanks) no later than: December 31, 1997 (facilities with 2 nozzles), and December 31, 1998 (facilities with 1 nozzle). [District Rules 2520, 9.4.2 and 4622, 5.2, 6.2, 6.3], [Federally Enforceable Through Title V]
8. Each ARB certified vapor recovery system shall be tested within 60 days of major modification or installation, except as otherwise allowed by this permit. For this condition, a major modification is considered to be replacing, repairing, or upgrading 75% or more of the certified system. [District Rule 4622, 6.2.2], [Federally Enforceable Through Title V]
9. The ARB certified vapor recovery system and all of its components shall be maintained in good repair. Any ARB certified gasoline vapor recovery system, which has been installed and has been issued a permit to operate, shall not be removed regardless of the amount of gasoline dispensed or how the gasoline is delivered to the facility. [District Rule 4622, 5.3], [Federally Enforceable Through Title V]
10. No gasoline shall be transferred into vehicle fuel tanks if the vapor recovery system contains any defect listed in Section 94006 of Title 17 of the California Code of Regulations or in Section 5.4 of SJVUAPCD Rule 4622 (as amended February 17, 1994) until the defect has been repaired, replaced, or adjusted as necessary to correct the defect, and the District has reinspected the system or has authorized its use pending reinspection. [District Rule 4622, 5.4], [Federally Enforceable Through Title V]
11. Any defects identified shall be tagged "Out of Order"; the tagged equipment shall be rendered inoperable and the tag(s) shall not be removed until the defect has been repaired, replaced or adjusted. In the case of defects identified by the District, tagged equipment shall be rendered inoperable and the tag shall not be removed until the District has been notified of the repairs, and/or the District has inspected and authorized the tagged equipment for use. A log containing at least the following shall be maintained: date and type of defect identified and date repaired, replaced or corrected. [District Rules 2520, 9.4.2 and 4622, 5.5], [Federally Enforceable Through Title V]
12. The District shall be notified by the permittee 15 days prior to each test. The test results shall be submitted to the District no later than 30 days after each test. [District Rule 1081]
13. All vapor line connections, fittings, lines and caps, and seals between nozzles and vehicles shall be vapor tight. [District Rule 4622], [Federally Enforceable Through Title V]

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14. No person shall top off a motor vehicle fuel tank. [District Rule 4622, 5.9], [Federally Enforceable Through Title V]
15. No owner or operator shall tamper with, or permit tampering with, the ARB certified vapor recovery system in a manner that would impair the operation or effectiveness of the system. [District Rule 4622, 5.11], [Federally Enforceable Through Title V]
16. Operator shall maintain all records of required monitoring data and support information for inspection for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
17. Source testing shall be conducted using the methods and procedures approved by the District. The District shall be notified 30 days prior to each test, and a pretest plan outlining the test methods and procedures shall be submitted for District's approval no later than 15 days prior to each test. [District Rule 1081], [Federally Enforceable Through Title V]
18. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-30-6

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

28 MMBTU/HR NATURAL GAS FIRED NON-FAT MILK PROCESSING LINE

PERMIT UNIT REQUIREMENTS

1. Line shall be equipped with one "Niro" tall form 28 MMBtu/hr. spray dryer including "Maxon" low NOx direct PUC quality natural gas fired burner, model 5805, and two "Niro" baghouses, each with 7,276 sq. ft. cloth area and maximum of 101,848 total scfm air flow. [District NSR Rule], [Federally Enforceable Through Title V]
2. Line shall include two 300,000 lb storage bins each shall be served by "Nucon" bin vent filters, each with 71.5 sq. ft. area 16oz. glazed polyester felt bags, and maximum 535 scfm. [District NSR Rule], [Federally Enforceable Through Title V]
3. Line shall include one bagging system and shall be served by one "Flex Kleen" Baghouse (shared with S-525-37), Model WSTC121, 1282 sq. ft. cloth area, 12000 scfm. [District NSR Rule], [Federally Enforceable Through Title V]
4. Permittee shall maintain records of daily tons of powder dried in non-fat milk dryer, tons of dried powder transported to silos, tons bagged, and operating schedule (hrs/day, days/week, weeks/year). [District Rules 1070 and 2520, 9.4.2], [Federally Enforceable Through Title V]
5. Maximum dried milk powder produced shall not exceed 180 ton/day. [District NSR Rule], [Federally Enforceable Through Title V]
6. Gas fired emissions rates shall not exceed any of the following: SOx (as SO2): 0.0006 lb/MMBtu, NOx (as NO2): 0.055 lb/MMBtu, VOC: 0.006 lb/MMBtu, nor CO: 95 ppmvd @ 3% O2. [District NSR Rule], [Federally Enforceable Through Title V]
7. PM-10 emissions from baghouses serving milk spray dryer shall not exceed 0.440 lb/ton dried milk powder. [District NSR Rule], [Federally Enforceable Through Title V]
8. PM-10 emissions from baghouse serving powdered milk bagging system shall not exceed 0.004 lb/ton dried milk powder. [District NSR Rule], [Federally Enforceable Through Title V]
9. PM-10 emissions from bin vent filters serving two 300,000 lb storage bins shall not exceed 0.015 lb/ton dried milk powder. [District NSR Rule], [Federally Enforceable Through Title V]
10. The owner/operator shall perform annual source testing for NOx (ppmv) according to EPA Method 7E (or ARB Method 100) and EPA Method 19, CO according to EPA Method 10, and PM according to EPA Method 201A. Additional testing shall include stack gas oxygen by EPA Method 3 or 3A, stack gas velocities by EPA Method 2, and stack gas moisture content by EPA Method 4. The unit shall be tested annually. If compliance is shown for two consecutive annual tests, then testing may be performed once every 36 months. If compliance is not shown, annual testing shall resume. [District NSR Rule; District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Visible emissions shall be less than 5% opacity for bagging system or storage silos during operation. [District NSR Rule], [Federally Enforceable Through Title V]
12. Actual fuel usage and production data shall be recorded during the source test periods. [District Rule 1081], [Federally Enforceable Through Title V]
13. Source testing shall be conducted using the methods and procedures approved by the District. The District shall be notified 30 days prior to each test, and a pretest plan outlining the test methods and procedures shall be submitted for District's approval no later than 15 days prior to each test. [District Rule 1081], [Federally Enforceable Through Title V]
14. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
15. The owner/operator shall check for visible emissions on a weekly basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
16. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
17. Unit shall be fired exclusively on PUC-quality natural gas which has a sulfur content of less than or equal to 0.017% by weight. [District Rule 4801; Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
18. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]

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19. If the processing line is not fired on PUC-regulated gas, then the sulfur content of the natural gas being fired in the dryer shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 4801], [Federally Enforceable Through Title V]
20. If the processing line is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 4801], [Federally Enforceable Through Title V]
21. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
22. Records of baghouse maintenance, inspections, repair, and burner flame inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
23. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (12/16/93), of 3 one-hour test runs for PM₁₀; and the arithmetic mean of 3 forty-minute test runs for NO_x and CO. This mean shall be multiplied by the appropriate factor to determine compliance with the emission limits. [District Rule 2520, 9.4.2, District Rule 4305, 5.0, 8.2 and/or 4351, 8.1], [Federally Enforceable Through Title V]
24. The owner/operator shall visually inspect the burner on a weekly basis to assure proper operation. [District NSR Rule], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-31-2

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

750 HP STANDBY DIESEL-FIRED CUMMINS IC ENGINE (MODEL VTA28681) POWERING A 500 KW GENERATOR

PERMIT UNIT REQUIREMENTS

1. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule], [Federally Enforceable Through Title V]
2. Operation of the engine, for other than maintenance purposes, shall be limited to emergency use. [District NSR Rule], [Federally Enforceable Through Title V]
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. Particulate matter emissions shall not exceed in concentration at the point of discharge 0.1 gr/dscf. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
5. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
6. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-32-2

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

435 HP STANDBY DIESEL-FIRED CUMMINS IC ENGINE (MODEL #NTA-855 GS) POWERING A 260 KW GENERATOR

PERMIT UNIT REQUIREMENTS

1. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule], [Federally Enforceable Through Title V]
2. Operation of the engine, for other than maintenance purposes, shall be limited to emergency use. [District NSR Rule], [Federally Enforceable Through Title V]
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
5. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
6. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
7. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
8. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2]
9. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2]
10. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2]
11. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-33-2

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

900 HP STANDBY DIESEL-FIRED CUMMINS IC ENGINE POWERING A 535 KW GENERATOR

PERMIT UNIT REQUIREMENTS

1. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule], [Federally Enforceable Through Title V]
2. Operation of the engine, for other than maintenance purposes, shall be limited to emergency use. [District NSR Rule], [Federally Enforceable Through Title V]
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
5. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
6. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
7. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
8. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2]
9. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2]
10. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2]
11. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-34-0

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

TEMPORARY REPLACEMENT EMISSIONS UNIT NEBRASKA "D" TYPE PACKAGE WATERTUBE BOILER LIMITED TO 71.7 MM BTU/HR, MODEL NS-E-65 WITH FABER LOW NOX MODEL WB-1-28-FGR BURNER SET TO FIRE WITH NATURAL GAS AND FGR. (EXPIRED)

PERMIT UNIT REQUIREMENTS

1. Burner shall be equipped with fuel volume flowmeter. []
2. Boiler firebox, convection section and flue gas duct work shall be gas-tight. []
3. Only natural gas shall be used as fuel in this boiler. []
4. During normal operation, flue gas recirculation system damper shall be in open position at all times when boiler is firing. []
5. Natural gas to boiler shall not exceed 68,000 scf/hr. []
6. Emissions of particulates (PM-10) shall not exceed 0.003 lb/MMBtu []
7. Emissions of sulfur compounds (SO₂) shall not exceed 0.0006 lb/MMBtu []
8. Emissions of oxides of nitrogen shall not exceed 0.0365 lb/MMBtu (of NO₂). []
9. Emissions of volatile organic compounds (VOC) shall not exceed 0.006 lb/MMBtu. []
10. Emissions of carbon monoxide shall not exceed 0.03 lb/MMBtu. []
11. Boiler shall operate only when one of the boilers in ATC# 222468 is shutdown for maintenance or repair and shall be on site for less than 180 days. []
12. Dairyman's Cooperative Creamery Assoc. shall satisfy all applicable requirements of NSPS 40 CFR part Db. []
13. A daily log shall be maintained which accurately records natural gas usage. These records shall be kept on site for a minimum of two years, and shall be made available to the District upon request. []
14. Boiler shall operate only when one of the boilers in ATC# 222468 is shutdown for maintenance or repair and shall be on site for less than 180 days. []
15. Dairyman's Cooperative Creamery Assoc. shall satisfy all applicable requirements of NSPS 40 CFR part Db. []
16. A daily log shall be maintained which accurately records natural gas usage. These records shall be kept on site for a minimum of two years, and shall be made available to the District upon request. []

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-35-2

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

126 MMBTU/HR NATURAL GAS FIRED BOILER WITH FLUE GAS RECIRCULATION, LOW NOX BURNER AND OXYGEN CONTROLLER

PERMIT UNIT REQUIREMENTS

1. Only PUC quality natural gas shall be combusted in this unit. [District NSR Rule], [Federally Enforceable Through Title V]
2. Flue gas recirculation system shall be operational at all times. [District NSR Rule], [Federally Enforceable Through Title V]
3. Emission rates shall not exceed any of the following: PM10: 0.005 lb/MMBtu; SOx (as SO2): 0.0006 lb/MMBtu; NOx (as NO2): 0.036 lb/MMBtu or 30 ppmv; VOC: 0.0014 lb/MMBtu or CO: 81 ppmvd @ 3% O2. [District NSR Rule], [Federally Enforceable Through Title V]
4. The stack concentration of NOx (as NO2), CO, and O2 shall be measured at least on a monthly basis using District approved portable analyzers. [District Rules 4305, 4351, 2520, 9.4.2], [Federally Enforceable Through Title V]
5. The permittee shall maintain records of the date and time of NOx, CO, and O2 measurements, the measured NO2 and CO concentrations corrected to 3% O2. The records shall also include a description of any corrective action taken to maintain the emissions in the acceptable range. These records shall be retained at the facility for a period of no less than two years and shall be made readily available for District inspection upon request. [District Rules 1070, 4305, 4351, and 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If the NOx and CO concentrations, as measured by the portable analyzer, exceed the allowable emission rate, the permittee shall notify the District and take corrective action within one (1) hour after detection. If the portable analyzer readings continue to exceed the allowable emission rate, the permittee shall conduct an emissions test within 60 days, utilizing District-approved test methods, to demonstrate compliance with the applicable emission limits. [District Rules 4305 & 4351], [Federally Enforceable Through Title V]
7. Compliance demonstration (source testing) shall be by District witnessed, or authorized, sample collection by ARB certified testing laboratory. [District Rule 1081], [Federally Enforceable Through Title V]
8. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
9. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
10. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO2, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3], [Federally Enforceable Through Title V]
11. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
12. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89. [District Rule 2520, 9.4.2; 4305, 6.2.1; and 4351, 6.2.1], [Federally Enforceable Through Title V]
13. Operator shall perform annual source testing for NOx (ppmv) according to EPA Method 7E (or ARB Method 100), stack gas oxygen by EPA Method 3 or 3A (or ARB Method 100), NOx emission rate (heat input basis) by EPA Method 19, PM according to EPA Method 201A, stack gas velocities by EPA Method 2, and stack gas moisture content by EPA Method 4. Gaseous fired units shall test at least once every 36 months if compliance is shown for 2 consecutive years. Test results submitted to the District from individual units that are identical to a group of units, in terms of rated capacity, operational conditions, fuel used, and control method, may satisfy these requirements. [District Rule 4305, 6.2.2, 6.2.4-7, 4351, 6.2.2 & 6.2.4-7, & 6.3, and 2520, 9.4.2], [Federally Enforceable Through Title V]
14. Nitrogen oxide (NOx) emission concentrations in ppmv referenced at dry stack emissions shall be corrected to 3% O2 and lb/MMBtu rates shall be calculated as lb NO2/MMBtu of heat input (hhv). [District Rule 4305, 8.1 and/or 4351, 8.1], [Federally Enforceable Through Title V]
15. Operator shall monitor and record for each unit the hhv and cumulative annual use of fuel. [District Rule 4351, 6.1.1], [Federally Enforceable Through Title V]
16. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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17. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
18. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), Rule 408 (Fresno), Rule 408.2 (Merced) and 407.2 (Kern, Tulare, Kings, Stanislaus, and San Joaquin); Rule 402(Madera) and 404 (all seven remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
19. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), 408 and 409 (Kern), and 408 (all six remaining counties in the San Joaquin Valley); Rule 404 (Madera) 406 (Fresno), and 407 (all six remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
20. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201, 4301, 4305, and 4351. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
21. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera). [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
22. The requirements of 40 CFR 72.6(b) and 40 CFR 60.40b do not apply to this source. A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
23. The portable analyzer shall be calibrated prior to each use with a two-point calibration method (zero and span). Calibration shall be performed with Protocol 1 gas. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
24. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (12/16/93), of 3 one-hour test runs for PM10; and the arithmetic mean of 3 forty-minute test runs for NOx and CO. This mean shall be multiplied by the appropriate factor to determine compliance with the emission limits. [District Rule 2520, 9.4.2, District Rule 4305, 5.0, 8.2 and/or 4351, 8.1], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-36-2

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

20 MM BTU/HR NATURAL GAS FIRED MILK SPRAY PROCESSING LINE SERVED BY TWO NIRO CMC 3150 CYCLONES SERVED BY TWO NIRO SBF-12-500 BAGHOUSES EACH WITH 5,400 SQUARE FEET CLOTH AREA AND 37,820 SCFM BLOWERS

PERMIT UNIT REQUIREMENTS

1. Line shall include Niro F-160 rotary atomizer with high pressure type NVR/F nozzle atomization unit and Niro-Soavi high pressure pump. [District NSR Rule], [Federally Enforceable Through Title V]
2. Line shall include air supply fan, dry cell/high efficiency air filter, Maxon LN 20 MM Btu/hr low NOx direct gas fired heater, type DAR air dispenser, cooling air fan, conveying air fan, on/off damper, steam-heated air heater and air filter. [District NSR Rule], [Federally Enforceable Through Title V]
3. Line shall include Niro CDC1000-R/N drying chamber assembly, integrated fluid bed and rotary valve. [District NSR Rule], [Federally Enforceable Through Title V]
4. Line shall be equipped with vibrofluidizer assembly including dry cell high efficiency pre-filter, two air conveying fans, six pneumatically controlled regulating dampers, two cartridge type air filters, two air conditioning units. [District NSR Rule], [Federally Enforceable Through Title V]
5. Line shall be equipped with vibrofluidizer assembly including one VF-F 16m2 vibrofluidizer, Niro CHE 2250 cyclone, blow-through valve and two powder sieves. [District NSR Rule], [Federally Enforceable Through Title V]
6. Line shall be equipped with fines transport system including rotary air conveying blower, cartridge type air filter, four blow through valves and two-way diverter valve. [District NSR Rule], [Federally Enforceable Through Title V]
7. Line shall be equipped with pneumatic powder conveying system including rotary air conveying blower, air conditioning unit, cartridge type air filter, blow-through valve, powder conveying duct and two way diverter valve. [District NSR Rule], [Federally Enforceable Through Title V]
8. Maximum dried milk powder produced shall not exceed 180 tons/day. [District NSR Rule], [Federally Enforceable Through Title V]
9. Emission rates for air contaminants shall not exceed the following limits: PM10 - 0.344 lb/ton of product; SOx (as SO2) - 0.0006 lb/MMBtu; NOx (as NO2) - 0.065 lb/MMBtu; VOC - 0.0028 lb/MMBtu; nor CO - 0.070 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
10. Visible emissions shall be less than 5% opacity except for 3 minutes in any one hour. [District NSR Rule], [Federally Enforceable Through Title V]
11. Dairyman's Coop. Creamery shall maintain records of quantity of fuel combusted and dried milk powder produced for each day of operation, in the format approved by the District. [District NSR Rule], [Federally Enforceable Through Title V]
12. The owner/operator shall perform annual source testing for NOx (ppmv) according to EPA Method 7E (or ARB Method 100) and EPA Method 19, CO according to EPA Method 10 (or ARB Method 100), and PM according to modified EPA Method 201A. Additional testing shall include stack gas oxygen by EPA Method 3 or 3A, stack gas velocities by EPA Method 2, and stack gas moisture content by EPA Method 4. The unit shall be tested annually. If compliance is shown for two consecutive annual tests, then testing may be performed once every 36 months. If compliance is not shown, annual testing shall resume. [District NSR Rule; District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Actual fuel usage and production data shall be recorded during the source test periods. [District Rule 1081], [Federally Enforceable Through Title V]
14. Source testing shall be conducted using the methods and procedures approved by the District. The District shall be notified 30 days prior to each test, and a pretest plan outlining the test methods and procedures shall be submitted for District's approval no later than 15 days prior to each test. [District Rule 1081], [Federally Enforceable Through Title V]
15. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
16. If equipment is operating at a level not representative of design capacity during initial source testing, the District may require subsequent testing at higher rates of production. [District Rule 1081], [Federally Enforceable Through Title V]

Initial TV Permit

17. The owner/operator shall check for visible emissions on a weekly basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
18. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
19. Unit shall be fired exclusively on PUC-quality natural gas which has a sulfur content of less than or equal to 0.017% by weight. [District Rule 4801; Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
20. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]
21. If the processing line is not fired on PUC-regulated gas, then the sulfur content of the natural gas being fired in the dryer shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 4801], [Federally Enforceable Through Title V]
22. If the processing line is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 4801], [Federally Enforceable Through Title V]
23. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
24. Records of baghouse maintenance, inspections, repair, and burner flame inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
25. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (12/16/93), of 3 one-hour test runs for PM₁₀; and the arithmetic mean of 3 forty-minute test runs for NO_x and CO. This mean shall be multiplied by the appropriate factor to determine compliance with the emission limits. [District Rule 2520, 9.4.2, District Rule 4305, 5.0, 8.2 and/or 4351, 8.1], [Federally Enforceable Through Title V]
26. The owner/operator shall visually inspect the burner on a weekly basis to assure proper operation. [District NSR Rule], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-37-1

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

100 ELECTRIC MOTOR HP POWDERED MILK BAGGING OPERATION SERVED BY FLEX KLEEN BAGHOUSE (SHARED WITH S-525-30) MODEL WSTC121 WITH 1282 SQ. FT. CLOTH AREA AND 12,000 SCFM BLOWER

PERMIT UNIT REQUIREMENTS

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1. Line shall include one Avapac powder packer not to exceed 25 electric hp and two Control and Metering Ltd bulk baggers not to exceed 75 total hp. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Total maximum dried milk powder bagged shall not exceed 429 ton/day. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Emission rates shall not exceed 0.004 lb PM10/ton of product bagged. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Visible emissions shall be less than 5% opacity. [District NSR Rule], [Federally Enforceable Through Title V]
 5. Dairyman's Coop. Creamery shall maintain records of quantity of dried milk powder bagged for each day of operation, in the format approved by the District. [District NSR Rule; Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] [District Rule 4201], [Federally Enforceable Through Title V]
 7. The owner/operator shall check for visible emissions on a weekly basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-525-38-1

EXPIRATION DATE: 10/31/2003

EQUIPMENT DESCRIPTION:

50,000 GALLON DRY POWDER STORAGE SILO #6 SERVING DRYER #1 (S-525-36) WITH NUCON BIN VENT FILTER WITH 71.5 SQUARE FEET OF CLOTH AREA AND MAXIMUM FLOW OF 535 SCFM

PERMIT UNIT REQUIREMENTS

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1. The owner/operator shall check for visible emissions weekly during silo loading. If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2], [Federally Enforceable Through Title V]
 2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202], [Federally Enforceable Through Title V]
 4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 5. Maximum quantity of dry powder conveyed into silo shall not exceed 180 tons/day. [District NSR Rule], [Federally Enforceable Through Title V]
 6. PM-10 emissions from bin vent filter shall not exceed 0.015 lb/ton of dry powder conveyed into silo. [District NSR Rule], [Federally Enforceable Through Title V]
 7. Permittee shall demonstrate compliance with silo throughput limit by maintaining a daily record of the quantity of dry powder conveyed into the silo. [District NSR Rule], [Federally Enforceable Through Title V]

Initial TV Permit